

Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-092

| WORKING STANDARD USED | | | | | | |
|-----------------------|---------------|--------|------------|-------------------|------------------|-----------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Calibration Date: | Calibration Due: | Calibration By: |
| 25171 | ION | 775 | 6779 | 8/8/07 | 8/8/08 | JPL |

| AIR IONIZER INFORMATION | | | | | | |
|-------------------------|---------------|-------------|-------------|--------------------|-------------------|------------------|
| Asset/ISO #: | Manufacturer: | Model: | Serial No. | Verification Date: | Verification Due: | Verification By: |
| 28302 | Simco | Acrostat PC | 33674323T | 7-15-08 | 1-15-09 | JPL 36 |
| Inspector: | Location: | Owner: | Fail: Y/N ? | Cleaned: Y/N ? | Adjusted: Y/N ? | Prior Sequence# |
| Minh Do | 317/211 | Kirk O. | N | N | N | 08-074 |

| VERIFICATION DATA | | | | | | |
|---|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------|--|
| HBM Sensitivity Level: <u>50</u> (from Table 1) | | | | | | |
| Fan controller setting: <u>Medium</u> (High, Low, NA) | | | | | | |
| Distance of ionizer from the charge plate: <u>24"</u> | | | | | | |
| Ionizer Float Potential Tolerance \pm <u>5</u> Vdc. (from Table 1) | | | | | | |
| Measured Float Potential values recorded below. | | | | | | |
| 1 <u>-20</u> Vdc. | 2 <u>-20</u> Vdc. | 3 <u>-20</u> Vdc. | 4 <u>-20</u> Vdc. | 5 <u>-30</u> Vdc. | Comments: | |
| Ionizer Discharge Voltage Range: \pm 1000 Vdc to $< \pm$ <u>50</u> Vdc (from Table 1) | | | | | | |
| Ionizer Discharge Time Tolerance: <u>520</u> seconds. (from Table 1) | | | | | | |
| Measured Discharge Time in second(s) and recorded values below. | | | | | | |
| 1 (+1000 to +Vdc) <u>4</u> sec | 2 (+1000 to +Vdc) <u>4</u> sec | 3 (+1000 to +Vdc) <u>4</u> sec | 4 (+1000 to +Vdc) <u>4</u> sec | 5 (+1000 to +Vdc) <u>4</u> sec | Comments: | |
| 1 (-1000 to -Vdc) <u>5</u> sec | 2 (-1000 to -Vdc) <u>5</u> sec | 3 (-1000 to -Vdc) <u>6</u> sec | 4 (-1000 to -Vdc) <u>6</u> sec | 5 (-1000 to -Vdc) <u>6</u> sec | Comments: | |

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement ionizer: _____

Record inspection schedule and rational for that schedule.